


**Complete if Known**

(use as many sheets as necessary)

Application Number	09/882,787
Filing Date	Jun 14, 2001
First Named Inventor	Qi
Group Art Unit	2621
Examiner Name	MARIAM, DANIEL G
Attorney Docket Number	MS1-717US

[illegible][illegible]

Examiner Signature		Date Considered	10-14-04
-----------------------	---	--------------------	----------

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside this box → ☐



Substitute for form 1449B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/882,787
		Filing Date	Jun 14, 2001
		First Named Inventor	Qi
		Group Art Unit	2621
		Examiner Name	MARIAM, DANIEL G
Sheet 2 of 4	Attorney Docket Number	MS1-717US	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
de		10/371125, US Patent Application Serial Number 10/371125 filed February 20, 2003 Inventors Wei-Ying Ma et al. Entitled "Systems and Methods for Enhanced Image Adaptation," (Attorney Docket MS1-1406US)	
de		LIENHART, R. et al., "On the Detection and Recognition of Television Commercials," University of Mannheim, 17 pages.	
de		HARGROVE, THOMAS, "Logo Detection in Digital Video" Math 100 03/06/2001, http://toonarchive.com/logo-detection/ 9 pages.	
de		http://www.fatafix.com/nomad/ "NOMAD (No More Advertising)," February 17 2003, 4 pages.	
de		SADLER, DAVID A., "Automatic TV Advertisement Detection from MPEG Bitstream," Centre for Digital Video Processing/Research Institute for Network & Communication Eng. Dublin City University, 12 pages.	
de		SANCHEZ, JUAN MARIA, "AudiCom: a Video Analysis System for Auditing Commercial Broadcasts," Computer Vision Center Departament d'Informatica Universitat Autònoma de Barcelona, 5 pages.	
de		ZABIH, RAMIN, "A Feature-Based Algorithm for Detecting and Classifying Scene Breaks," Computer Science Department, Cornell University, 16 pages.	
de		LU LIE et al., "Content Analysis for Audio Classification and Segmentation" IEEE Transactions on Speech and Audion Processing, Vol. 10, No. 7, October 2002, pages 504-516.	
de		LU, LIE et al., "A Robust Audio Classification and Segmentation Method," Microsoft Research China, 9 pages.	
de		LU, LIE et al., "Content-Based Audio Segmentation Using Support Vector Machines," 2001, IEEE, pages 956-959.	
de		JHA, UMA S., "Wireless Landscape-Need for Seamless Connectivity," Wireless Personal Communications, 2002, pages 275-283.	

Examiner Signature		Date Considered	10-14-04
--------------------	--	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐



Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/882,787
		Filing Date	Jun 14, 2001
		First Named Inventor	Qi
		Group Art Unit	2621
		Examiner Name	MARIAM, DANIEL G
Sheet	3	of	4
		Attorney Docket Number	MS1-717US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
de		HELD, GIBERT, "Focus on Agere System's Orinoco PC Card," International Journal of Network Management, January 2002, pages 187-193.	
de		CHERRY, STEVEN M., "Pesky Home Networks Trouble cable Behemoths," IEEE Spectrum, April 2002, pages 60-61.	
de		NIEBUR, E. et al., "Computational Architectures for Attention," The Attentive Brain, Chapter 9, 1998, pages 163-186.	
de		WOLFE, J. M. et al., "Deploying Visual Attention: The Guided Search Model," AI and the Eye, Chapter 4, 1990, pages 79-103.	
de		ZADEH, L. A., "Probability Measures of Fuzzy Events," Journal of Mathematical Analysis and Applications, 23 1968, pgs 421-427.	
de		TSOTSOS, J. K. et al., "Modeling Visual Attention Via Selective Tuning," Artificial Intelligence v78, 1995, pgs 507-545.	
de		MA, Y.-F. et al., "A Model of Motion Attention for Video Skimming," IEEE ICIP, 2002m, pages I-129 to I-132.	
de		SAHOO, P.K. et al., "Threshold Slection Using a Minimal Histogram Entropy Difference," Optical Engineering, v36, no7, July 1997, pages 1976-1981.	
de		MILANESE, R. et al., "Attentive Mechanisms for Dynamic and Static Scene Analysis," Optical Engineering, v34, no8, August 1995, pages 2428-2434.	
de		JING, et al., "An Effective Region-Based Image Retrieval Framework," From ACM Multimedia 2002, 28 pages.	
de		LI, et al., "Statistical Learning of Multi-View Face Detection," Proceedings of ECCV, 2002, 25 pages.	

Examiner Signature		Date Considered	10-14-04
-----------------------	--	--------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐



Substitute for form 1449B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/882,787
		Filing Date	Jun 14, 2001
		First Named Inventor	Qi
		Group Art Unit	2621
		Examiner Name	MARIAM, DANIEL G
		Attorney Docket Number	MS1-717US
Sheet	4	of	4

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
dk		AHMAD, SUBUTAI, "VISIT: A Neural Model of Covert Visual Attention," Advances in Neural Information Processing Systems, v. 4, 1991, pgs 420-427.	
dk		BALUJA et al., "Expectation-Based Selective Attention for Visual Monitoring and Control of a Robot Vehicle," Robotics and Autonomous System, v. 22, no. 3-4, December 1997, pages 329-344.	
dk		DENG et al., "Peer Group Filtering and Perceptual Color Image Quantization," Proceedings of IEEE International Symposium on Circuits and systems, Vol. 4, 1999, pages 21-24.	
dk		ITTI et al., "A Model of Saliency-based Visual Attention for Rapid Scene Analysis," IEEE Transactions on Pattern Analysis and Machine Intelligence, 1998.	
dk		MA et al., "A User Attention Model for Video Summarization," Proceedings of ICIP, 2002.	
dk		CHEN et al., "A Visual Attention Model for Adapting Images on Small Displays," ACM Multimedia Systems Journal, 2003.	
dk		LU, Xiaoye et al., "An Integrated Correlation Measure for Semantic Video Segmentation," IEEE 2002, 4 pages.	
dk		FAN, Xin et al., "Visual Attention Based Image Browsing on Mobile Devices," 4 pages.	

Examiner Signature		Date Considered	10-14-04
-----------------------	--	--------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**